

# **ALOS-2 Update**

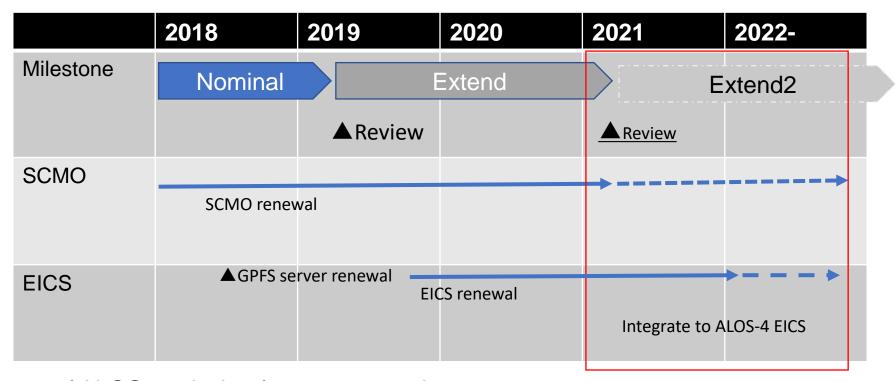
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### Extend observation phase





#### Target of ALOS-2 mission for 2022 operation

- 7 years continuous observation operation
- Archive global and continuous SM3 and WD1 observation with intensive time series observation in selected area including research and development to prepare ALOS-4 bi-weekly SM3 observation and promoting multi frequency observation in cooperation with ESA, CSA, ASI, NASA and other international partners.
- Complete project final review in December 2021 and agree to implement one year overlap observation operation of ALOS-2 with ALOS-4

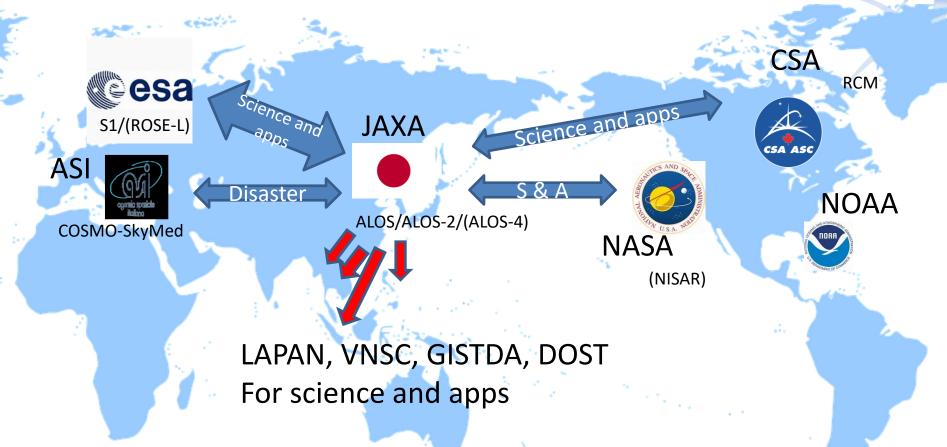
#### ALOS—2 system operation status summary

| Subsystem  | Status | Note  |
|------------|--------|---|
| SAP        | Green  | -   |
| EPS        | Green  | -   |
| AOCS       | Green  | ESA operation is suspend                    |
| Propulsion | Green  | -   |
| CDMS       | Green  | -   |
| DT         | Green  | -   |
| DRS        | Green  | August 5, 2017 DRTS operation was completed |
| MDPS       | Green  | System reset because of SEU                 |
| THERMAL    | Green  | -   |
| PALSAR2    | Green  | System reset because of SEU                 |

Cal/Val status: Green: https://www.eorc.jaxa.jp/ALOS-2/calval/calval\_jindex.htm



## SAR international cooperation



- Science and apps: Ocean (Sea Ice, ship, oil spill), Land use (agriculture, soil moisture, SWE, crustal deformation volcano, subsidence, LULCC, forest) with disaster response
- FS for ALOS-4 DT in international partners



## Limitation of ALOS-2 operation in extend observation period



Duty cycle (maximum observation time per an orbit) will be reduced in extend observation period to continue to operate ALOS-2 with overlapping with ALOS-4 observation

- Until 2019.10.20 (137 orbit cycle) Duty50%
- From 2019.10.21 (138 orbit cycle) Duty30%

BOS was revised owing to reduce duty cycle with following points

- ✓ SM3 global observation (Two times per a year with high priority -> Once) per a year with high priority and once per a year with low priority)
- ✓ Put high priority to un observed area with SM3
- ✓ Put high priority to selected area with intensive observation with SM1, SM2 and SM3 to promote Japanese L-SAR operational and research usage in cooperation with national and international partners
- -> Need to revise observe priority and observation coverage

## Basic Observation Scenario (BOS) world

8 years (global: SM3 and WD1 for JJ-FAST with intensive high temporal observation of SM1 and/or SM2 to selected area)





### SW status

 Latest version: Metadata information correction of L1.1 product(August, 2020) and L2.1 processing with AW3D DSM

SW update plan for March 2021

Stripes noise reduction for Spotlight and ScanSAR (burst) mode



#### HIGHLIGHT TOPICS in extend observation period



- Supersite selection to have more time series data for selected application with partner agencies
- Promote international cooperation for ASI, CSA, ESA & NASA and DOST, GISTDA, LAPAN & VNSC
- Ongoing to process all of ScanSAR data using JAXA's supercomputer (JSS3) and open to public in cooperation with NASA and cloud providers (such as TELLUS)
- Operate Gportal-R with other EO data for ALOS-2 data search and order
   <a href="https://gportal.jaxa.jp">https://gportal.jaxa.jp</a>
  - ScanSAR L1.1 full aperture mode data delivery (over 100GB zip can not be delivered to aboard because of network connection time out) -> split one zip to multiple files (each beam mode files)

#### ALOS/ALOS-2 mass processing for O&F

|        |                        |                  | CY 2          | 2021           |               | CY 2022       |               |                |               |  |  |  |
|--------|------------------------|------------------|---------------|----------------|---------------|---------------|---------------|----------------|---------------|--|--|--|
|        |                        | 1Q<br>Jan<br>Mar | 2Q<br>Apr Jun | 3Q<br>Jul Sept | 4Q<br>Oct Dec | 1Q<br>Jan Mar | 2Q<br>Apr Jun | 3Q<br>Jul Sept | 4Q<br>Oct Dec |  |  |  |
| ALOS   | AVNIR-2<br>(10 m)      |                  |               | Data Dist      | ribution      | (Open ar      | nd Free)      |                |               |  |  |  |
|        | (= <b>0</b> ,          |                  |               |                |               |               |               |                |               |  |  |  |
|        | PALSAR<br>FBS, FBD (10 |                  |               | Data Dis       | stribution    | (Open a       | nd Free)      |                |               |  |  |  |
|        | m)                     | Γ                |               |                |               |               |               |                |               |  |  |  |
| ALOS-2 | PALSAR-2               |                  |               | L              | 1.1 Data      | Process       | ing           |                |               |  |  |  |
|        | ScanSAR<br>(25m)       |                  |               |                |               |               |               |                |               |  |  |  |
|        |                        |                  |               |                | L2            | .2 Data I     | Processi      | ng             |               |  |  |  |
|        | O ScanSAD dat          |                  |               | NIACA (        |               |               |               |                |               |  |  |  |

- ALOS/ALOS-2 ScanSAR data mirroring at NASA/ASF
- Plan to start to produce L2.2 for ScanSAR of ALOS-2 as ARD with CARD4L compatible from 2022/1
- ALOS-2 ScanSAR L1.1 full aperture mode and L2.2 will be provided through G-Portal

## Basic Observation Scenario (BOS) world

1-3 years (global: SM3 and WD1 for JJ-FAST with one whole SM1 and SM2 observation in the

world)

| ■1年目   |   |  |  |  |  | -  |  |  | - 40   |  | - 40   | 40  |   | 45   |  | 47   | 40  |  |   |   |   |  |  | 0.5   |   |   |
|--|---|--|--|--|--|--|--|--|--|--|--|---|---|--|--|--|---|--|---|---|---|--|--|---|---|---|
| 年  | 2   | 3  | 4  | 5  | 6  | 2014年  | 8  | 9  | 10   | - 11   | 12   | 13  | 14                                      | 15   | 16   | 17   | 18  | 19   | 20<br>2015年   | 21  | 22  | 23   | 24   | 25  | 26  | 27  |
| 回帰開始日  | 08/04   | 08/18  | 09/01  | 09/15  | 09/29  | 10/13  | 10/27  | 11/10  | 11/24  | 12/08  | 12/22  | 01/05   | 01/19                                   | 02/02  | 02/16  | 03/02  | 03/16   | 03/30  | 04/13   | 04/27   | 05/11   | 05/25  | 06/08  | 06/22   | 07/06   | 07/20   |
|  | 地殼<br>湿地·伐採   | 南極域<br>Super Site  | 地敷<br>湿地·伏探  | 南極域<br>Super Site  | N 65以上<br>490km  | 地殼<br>湿地·伐採  | 全球3r   | m (1/3)  | 地敷<br>湿地·伐程  | 全球3r   | n (1/3)  | 地敷<br>湿地·伐探   |   | N 65以上<br>490km  | 地殼<br>湿地·伐採  |  | ·森林<br>/ InSAR)   | 地敷<br>湿地·伐採  |   | 森林<br>InSAR)  | 地殼<br>湿地·伏探   | 地殼<br>(14-day  | ·森林  | 地殼<br>湿地·伐採   | N 65以上<br>490km   | 地敷<br>湿地·伐探   |
| ディセン   | W-10 - [A-14  | Super Site   | W-18 - [A-18   | ouper oite   |  | WENS, INTA   |  |  | 3876 JA34  |  |  | W-10 - [A-]A-   |   |  | W-10 - [A-]#   | (14-08)  | ( IndAn)  | WAS - 1434   | (14-02)   | InsArt)   | W12. [V]*   | (14-day  | InsArt)  | W10-143#  |   | W-9. (*)*   |
| ディング   | W2  |  | W2   |  | V2(2)R   | W2   | U2   | U2   | W2   | U2   | U2   | W2  |   | V2(2)R   | W2   | F2   | F2  | W2   | F2  | F2  | W2  | F2   | F2   | W2  | V2(2)R  | W2  |
|  | (2)R  | F2(6)L   | (2)R   | F2(6)L   |  | (2)R   | (6)R   | (7)R   | (2)R   | (8)R   | (9)R   | (2)R  |   |  | (2)R   | (5)R   | (5)R  | (2)R   | (6)R  | (6)R  | (2)R  | (7)R   | (7)R   | (2)R  |   | (2)R  |
|  |   |  |  |  |  |  |  |  |  |  |  |   |   |  |  | グリーンランド  | グリーンランド   |  |   |   |   |  |  |   |   |   |
|  | 地殼  | 極域   | Wor  | rld 1-1(1  | 0m)  |  |  | Wor  | rld 2-1(1  | 0m)  | 極域   | 北極域   | Wor                                     | rld 1-2(1  | 0m)  | Super Site   | Super Site  |  | ボラリメ  | トリ観測も   | im (1/5)  |  |  | Wor   | dd 2-2(10   | )m)   |
| アセン<br>ディング  | W2  | W2(2)R   | F2   | F2   | F2   |  |  | F2   | F2   | F2   | W2(2)R   | W2(2)R  | F2                                      | F2   | F2   |  |   | FP   | FP  | FP  | FP  | FP   |  | F2  | F2  | F2  |
|  | (2)R  | 1010(0)1   | (7)R   | (5)R   | (6)R   |  |  | (7)R   | (5)R   | (6)R   | 1400/000   |   | (7)R                                    | (5)R   | (6)R   | F2(6)R   | F2(6)R  | (6)R   | (5)R  | (4)R  | (3)R  | (7)R   |  | (7)R  | (5)R  | (6)R  |
|  | ·-/··   | W2(2)L   | ,  | (0)  | (-)  |  |  |  | ,  | (-)  | W2(2)L   |   | .,,                                     |  | (-)  | F2(0/R   | F2(0)R  | ,  |   | 1.5.1   | 10,111  |  |  | (17.7.1   | (-)   |   |
| ■2年目   |   |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |   |  |   |   |   |  |  |   |   |   |
| 年  | 28  | 29   | 30   | 31   | 32   | 33<br>2015年  | 34   | 35   | 36   | 37   | 38   | 39  | 40                                      | 41   | 42   | 43   | 44  | 45   | 2016年   | 47  | 48  | 49   | 50   | 51  | 52  | 53  |
| 回帰開始日  | 08/03   | 08/17  | 08/31  | 09/14  | 09/28  | 10/12  | 10/26  | 11/09  | 11/23  | 12/07  | 12/21  | 01/04   | 01/18                                   | 02/01  | 02/15  | 02/29  | 03/14   | 03/28  | 04/11   | 04/25   | 05/09   | 05/23  | 06/06  | 06/20   | 07/04   | 07/18   |
|  | 南極域<br>Super Site   | 南種域<br>Super Site  | 地數<br>溫地·伐採  | 南極域<br>Super Site  | N 65以上<br>490km  | 地殼<br>湿地·快採  | 全球3r   | m (2/3)  | 地數<br>湿地·伐採  | 全球3r   | n (2/3)  | 地敷<br>湿地·伐採   |   | N 6513LE<br>490km  | 地敷<br>湿地·伐採  | 地殼   | •森林   | 地敷<br>湿地·伐採  | 地殼  | ·森林   | 地敷<br>湿地·伐猩   | 地殼   | 森林   | 地殼<br>湿地·伐採   |   | 地敷<br>湿地·伐採   |
| ディセン   | Cuper Cita  | ouper one  | M-G (A)G   | ouper one  |  | m-o par  |  |  | M-0 1434   |  |  | mare page   |   |  | 140 PAJE   |  |   | 18-0 1-34  |   |   | and page  |  |  | 12-0 12-12  |   | 12.0 (4.)0  |
| ディング   |   |  | W2   |  | V2(2)R   | W2   | U2   | U2   | W2   | U2   | U2   | W2  |   | V2(2)R   | W2   | F2   | F2  | W2   | F2  | F2  | W2  | F2   | F2   | W2  |   | W2  |
|  | F2(6)L  | F2(6)L   | (2)R   | F2(6)L   |  | (2)R   | (6)R   | (7)R   | (2)R   | (8)R   | (9)R   | (2)R  |   |  | (2)R   | (5)R   | (6)R  | (2)R   | (7)R  | (5)R  | (2)R  | (6)R   | (7)R   | (2)R  |   | (2)R  |
|  | JL SE SA  | 45.44  | Was  | -la 1_1/1  | 0\   |  |  | Wes  | JJ 0_1/1   | 0)   | 4244   | ±4544   | Was                                     | rld 1-2(1  | 0 \  | グリーンランド  | グリーンランド   |  | #=11.4  | L 11883814  | (2 /E)  |  |  | Wes   | dd 2-2(10   | )\  |
|  | 北極域   | 極域   | WO   | rld 1–1(1  | Um)  |  |  | WO   | rld 2–1(1  | Um)  | 極域   | 南極域   | WOR                                     | na 1-2(1)  | um)  | Super Site   | Super Site  |  | ホラウス  | トリ観測6   | m (2/3)   |  |  | Wor   | na 2-2(10   | /m/   |
| アセン<br>ディング  | W2(2)R  | W2(2)R   | F2   | F2   | F2   |  |  | F2   | F2   | F2   | W2(2)R   | W2(2)L  | F2                                      | F2   | F2   |  |   | FP   | FP  | FP  | FP  | FP   |  | F2  | F2  | F2  |
|  |   | W2(2)L   | (7)R   | (5)R   | (6)R   |  |  | (7)R   | (5)R   | (6)R   | W2(2)L   |   | (7)R                                    | (5)R   | (6)R   | F2(6)R   | F2(6)R  |  | (5)R  | (4)R  |   | (7)R   |  | (7)R  | (5)R  | (6)R  |
|  |   |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  | (0)   |  |   |   |   |  |  |   |   |   |
|  |   |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |   |  |   |   |   |  |  |   |   |   |
| ■3年目   | 54  | 55   | 56   | 57   | 58   | 59   | 60   | 61   | 62   | 63   | 64   | 65  | 66                                      | 67   | 68   | 69   | 70  | 71   | 72  | 73  | 74  | 75   | 76   | 77  | 78  | 79  |
| 国標 年   | 54  | 55   | 56   | 57   | 58   | 59<br>2016年  | 60   | 61   | 62   | 63   | 64   | 65  | 66                                      |  | 68   | 69   | 70  |  | 72<br>2017年   | 73  | 74  | 75   |  |   | 78  | 79  |
| 回傳   | 08/01   | 08/15  | 08/29  | 09/12  | 58<br>09/26  | 2016年<br>10/10   | 10/24  | 11/07  | 11/21  | 12/05  | 12/19  | 01/02   | 66<br>01/16                             | 67<br>01/30  | 02/13  | 02/27  | 03/13   | 03/27  | 2017年<br>04/10  | 04/24   | 05/08   | 05/22  | 06/05  | 06/19   | 78  | 07/17   |
| 回傳<br>年<br>回帰開始日   |   | 08/15  |  |  |  | 2016年  | 10/24  |  |  |  | 12/19  |   |   |  |  | 02/27  |   |  | 2017年<br>04/10  |   |   | 05/22  |  |   |   |   |
| 国標年  | 08/01   | 08/15  | 08/29<br>地數<br>溫地·伐採                                     | 09/12  |  | 2016年<br>10/10<br>地般<br>運地·伐採  | 10/24<br>全球3n  | 11/07<br>m (2/3)   | 11/21<br>地數<br>溫地·伐採   | 12/05<br>全球3r  | 12/19<br>n (2/3)   | 01/02<br>地敷<br>温地·快探  |   |  | 02/13<br>地殼<br>湿地・伐採   | 02/27  | 03/13   | 03/27<br>地數<br>溫地·世探   | 2017年<br>04/10<br>地殼  | 04/24   | 05/08<br>地數<br>運地·伐採  | 05/22  | 06/05  | 08/19<br>地敷<br>温地·伐採  |   | 07/17<br>均數<br>溫地·伐深  |
| 回傳<br>年<br>回帰開始日   | 08/01<br>南極城<br>Super Site  | 08/15<br>南種城<br>Super Site   | 08/29<br>地數<br>溫地·伐採<br>W2                               | 09/12<br>南極域<br>Super Site   |  | 2016年<br>10/10<br>地敷<br>温地·伐採<br>W2  | 10/24<br>全球3n  | 11/07<br>m (2/3)   | 11/21<br>地數<br>溫地·伐採<br>W2   | 12/05<br>全球3r<br>U2  | 12/19<br>n (2/3)<br>U2   | 01/02<br>地敷<br>湿地·伐採<br>W2  |   |  | 02/13<br>均數<br>湿地·伐採<br>W2   | 02/27<br>地殼<br>F2  | 03/13<br>·森林<br>F2  | 03/27<br>地敷<br>湿地·伐探<br>W2   | 2017年<br>04/10<br>地殼<br>F2  | 04/24<br>·森林<br>F2  | 05/08<br>均數<br>湿地·伐採<br>W2  | 05/22<br>地殼<br>F2  | 06/05<br>森林<br>F2  | 08/19<br>地敷<br>湿地·伐採<br>W2  |   | 07/17<br>均敷<br>涸地·伐琛<br>W2  |
| 国標年  | 08/01   | 08/15  | 08/29<br>地數<br>溫地·伐採                                     | 09/12  |  | 2016年<br>10/10<br>地般<br>運地·伐採  | 10/24<br>全球3n  | 11/07<br>m (2/3)   | 11/21<br>地數<br>溫地·伐採   | 12/05<br>全球3r  | 12/19<br>n (2/3)   | 01/02<br>地敷<br>温地·快探  |   |  | 02/13<br>地殼<br>湿地・伐採   | 02/27  | 03/13   | 03/27<br>地數<br>溫地·世探   | 2017年<br>04/10<br>地殼  | 04/24   | 05/08<br>地數<br>運地·伐採  | 05/22  | 06/05  | 08/19<br>地敷<br>温地·伐採  |   | 07/17<br>均數<br>溫地·伐深  |
| 国標年  | 08/01<br>南極城<br>Super Site  | 08/15<br>南種城<br>Super Site   | 08/29<br>地敷<br>湿地·伐彈<br>W2<br>(2)R                       | 09/12<br>南極域<br>Super Site   | 09/26  | 2016年<br>10/10<br>地敷<br>温地·伐採<br>W2  | 10/24<br>全球3n  | 11/07<br>m (2/3)<br>U2<br>(7)R                           | 11/21<br>地數<br>溫地·伐採<br>W2   | 12/05<br>全球3n<br>U2<br>(8)R  | 12/19<br>n (2/3)<br>U2   | 01/02<br>地殼<br>湿地·伐塚<br>W2<br>(2)R  | 01/18                                   |  | 02/13<br>培敷<br>湿地·伐探<br>W2<br>(2)R   | 02/27<br>地殻<br>F2<br>(5)R  | 03/13<br>・森林<br>F2<br>(6)R  | 03/27<br>地敷<br>湿地·伐探<br>W2   | 2017年<br>04/10<br>地殼<br>F2<br>(7)R  | 04/24<br>·森林<br>F2  | 05/08<br>地殼<br>湿地·快塚<br>W2<br>(2)R  | 05/22<br>地殼<br>F2  | 06/05<br>森林<br>F2  | 08/19<br>地殼<br>湿地·伐探<br>W2<br>(2)R  |   | 07/17<br>地數<br>湿地·快骤<br>W2<br>(2)R  |
| 国標年  | 08/01<br>南極域<br>Super Site<br>F2(6)L<br>北極域   | 08/15<br>南極域<br>Super Site<br>F2(6)L<br>極域   | 08/29<br>地敷<br>湿地·伐彈<br>W2<br>(2)R                       | 09/12<br>南極域<br>Super Site   | 09/26  | 2016年<br>10/10<br>地敷<br>温地·伐採<br>W2  | 10/24<br>全球3n  | 11/07<br>m (2/3)<br>U2<br>(7)R                           | 11/21<br>地敷<br>湿地·伐绿<br>W2<br>(2)R   | 12/05<br>全球3n<br>U2<br>(8)R  | 12/19<br>n (2/3)<br>U2<br>(9)R                                       | 01/02<br><sup>地般</sup><br>湿地·伐塚<br>W2<br>(2)R<br>南極域                                      | 01/18                                   | 01/30  | 02/13<br>培敷<br>湿地·伐探<br>W2<br>(2)R   | 02/27<br>地殻<br>F2<br>(5)R  | 03/13<br>·森林<br>F2<br>(6)R  | 03/27<br>地敷<br>湿地·伐探<br>W2   | 2017年<br>04/10<br>地殼<br>F2<br>(7)R  | 04/24<br>•森林<br>F2<br>(5)R  | 05/08<br>地殼<br>湿地·快塚<br>W2<br>(2)R  | 05/22<br>地殼<br>F2  | 06/05<br>森林<br>F2  | 08/19<br>地殼<br>湿地·伐探<br>W2<br>(2)R  | 07/03   | 07/17<br>地數<br>湿地·快骤<br>W2<br>(2)R  |
| 国際等別の場合を表現である。   | 08/01<br>南極域<br>Super Site  | 08/15<br>南極域<br>Super Site   | 08/29<br>地般<br>湿地·供塚<br>W2<br>(2)R<br>Wor                | 09/12<br>南極域<br>Super Site<br>F2(6)L<br>rld 1-1(10   | 09/26<br>0m)   | 2016年<br>10/10<br>地敷<br>温地·伐採<br>W2  | 10/24<br>全球3n  | 11/07<br>m (2/3)<br>U2<br>(7)R<br>Wo                     | 11/21<br>地般<br>湿地·伐绿<br>W2<br>(2)R<br>rld 2-1(1  | 12/05<br>全球3n<br>U2<br>(8)R<br>0m)   | 12/19<br>n (2/3)<br>U2<br>(9)R                                       | 01/02<br>地殼<br>湿地·伐塚<br>W2<br>(2)R  | 01/16<br>Wor                            | 01/30<br>rld 1-2(1)  | 02/13<br>地般<br>運地·伐擇<br>W2<br>(2)R<br>0m)  | 02/27<br>地殻<br>F2<br>(5)R  | 03/13<br>・森林<br>F2<br>(6)R  | 03/27<br>地數<br>淵地·伐擇<br>W2<br>(2)R   | 2017年<br>04/10<br>地殻<br>F2<br>(7)R<br>ポラリメ  | 04/24<br>・森林<br>F2<br>(5)R<br>トリ観測6   | 05/08<br>地殼<br>運地·快塚<br>W2<br>(2)R<br>im (3/5)  | 05/22<br>地殼<br>F2<br>(6)R  | 06/05<br>森林<br>F2  | 06/19<br>地殼<br>湿地·伐採<br>W2<br>(2)R<br>Wor   | 07/03<br>nd 2-2(10  | 07/17<br>地數<br>湿地·快深<br>W2<br>(2)R  |
| 回帰<br>年<br>日帰開始日<br>ディセン<br>ディング   | 08/01<br>南極域<br>Super Site<br>F2(6)L<br>北極域   | 08/15<br>南極域<br>Super Site<br>F2(6)L<br>極域   | 08/29<br>地數<br>湿地·快彈<br>W2<br>(2)R                       | 09/12<br>南極域<br>Super Site<br>F2(6)L   | 09/26<br>09/00<br>0m)  | 2016年<br>10/10<br>地敷<br>温地·伐採<br>W2  | 10/24<br>全球3n  | 11/07<br>m (2/3)<br>U2<br>(7)R                           | 11/21<br>地數<br>溫地·伐彈<br>W2<br>(2)R   | 12/05<br>全球3r<br>U2<br>(8)R  | 12/19<br>n (2/3)<br>U2<br>(9)R                                       | 01/02<br><sup>地般</sup><br>湿地·伐塚<br>W2<br>(2)R<br>南極域                                      | 01/16<br>Wor                            | 01/30<br>rld 1-2(1   | 02/13<br>治數<br>溫地·伐擇<br>W2<br>(2)R   | 02/27<br>地殻<br>F2<br>(5)R  | 03/13<br>・森林<br>F2<br>(6)R<br>グリーンランド<br>Super Sta  | 03/27<br>地數<br>運地·伐採<br>W2<br>(2)R   | 2017年<br>04/10<br>地殻<br>F2<br>(7)R  | 04/24<br>・森林<br>F2<br>(5)R<br>トリ観測6   | 05/08<br>地殼<br>運地·快塚<br>W2<br>(2)R<br>im (3/5)  | 05/22<br>地殼<br>F2<br>(6)R  | 06/05<br>森林<br>F2  | 06/19<br>地殼<br>湿地·快探<br>W2<br>(2)R  | 07/03<br>1d 2-2(10  | 07/17<br>地殼<br>湿地-伐尿<br>W2<br>(2)R  |
| 回帰<br>年<br>日傳繁胎日<br>ディセン<br>ディング<br>アセン<br>ディング  | 08/01<br>南極域<br>Super Site<br>F2(6)L<br>北極域   | 08/15<br>南極域<br>Super Site<br>F2(6)L<br>極域<br>W2(2)R   | 08/29<br>地般<br>湿地·供塚<br>W2<br>(2)R<br>Wor                | 09/12<br>南極域<br>Super Site<br>F2(6)L<br>rld 1-1(10   | 09/26<br>0m)   | 2016年<br>10/10<br>地敷<br>温地·伐採<br>W2  | 10/24<br>全球3n  | 11/07<br>m (2/3)<br>U2<br>(7)R<br>Wo                     | 11/21<br>地般<br>湿地·伐绿<br>W2<br>(2)R<br>rld 2-1(1  | 12/05<br>全球3n<br>U2<br>(8)R<br>0m)   | 12/19<br>n (2/3)<br>U2<br>(9)R<br>極域<br>W2(2)R                       | 01/02<br><sup>地般</sup><br>湿地·伐塚<br>W2<br>(2)R<br>南極域                                      | 01/16<br>Wor                            | 01/30<br>rld 1-2(1)  | 02/13<br>地般<br>運地·伐擇<br>W2<br>(2)R<br>0m)  | 02/27<br>地殻<br>F2<br>(5)R<br>ヴリーンランド<br>Super Size   | 03/13<br>・森林<br>F2<br>(6)R<br>グリーンランド<br>Super Sta  | 03/27<br>地數<br>淵地·伐擇<br>W2<br>(2)R   | 2017年<br>04/10<br>地殻<br>F2<br>(7)R<br>ポラリメ  | 04/24<br>・森林<br>F2<br>(5)R<br>トリ観測6   | 05/08<br>地殼<br>運地·快塚<br>W2<br>(2)R<br>im (3/5)  | 05/22<br>地殼<br>F2<br>(6)R  | 06/05<br>森林<br>F2  | 06/19<br>地殼<br>湿地·伐採<br>W2<br>(2)R<br>Wor   | 07/03<br>nd 2-2(10  | 07/17<br>地數<br>湿地·快深<br>W2<br>(2)R  |
| 回帰<br>年<br>日帰開始日<br>ディセン<br>ディング   | 08/01<br>南極域<br>Super Site<br>F2(6)L<br>北極域   | 08/15<br>南極域<br>Super Site<br>F2(6)L<br>極域<br>W2(2)R   | 08/29<br>地般<br>湿地·供塚<br>W2<br>(2)R<br>Wor                | 09/12<br>南極域<br>Super Site<br>F2(6)L<br>rld 1-1(10   | 09/26<br>0m)   | 2016年<br>10/10<br>地敷<br>温地·伐採<br>W2  | 10/24<br>全球3n  | 11/07<br>m (2/3)<br>U2<br>(7)R<br>Wo                     | 11/21<br>地般<br>湿地·伐绿<br>W2<br>(2)R<br>rld 2-1(1  | 12/05<br>全球3n<br>U2<br>(8)R<br>0m)   | 12/19<br>n (2/3)<br>U2<br>(9)R<br>極域<br>W2(2)R                       | 01/02<br><sup>地般</sup><br>湿地·伐塚<br>W2<br>(2)R<br>南極域                                      | 01/16<br>Wor                            | 01/30<br>rld 1-2(1)  | 02/13<br>地般<br>運地·伐擇<br>W2<br>(2)R<br>0m)  | 02/27<br>地殻<br>F2<br>(5)R<br>ヴリーンランド<br>Super Size   | 03/13<br>・森林<br>F2<br>(6)R<br>グリーンランド<br>Super Sta  | 03/27<br>地數<br>淵地·伐擇<br>W2<br>(2)R   | 2017年<br>04/10<br>地殻<br>F2<br>(7)R<br>ポラリメ  | 04/24<br>・森林<br>F2<br>(5)R<br>トリ観測6   | 05/08<br>地殼<br>運地·快塚<br>W2<br>(2)R<br>im (3/5)  | 05/22<br>地殼<br>F2<br>(6)R  | 06/05<br>森林<br>F2  | 06/19<br>地殼<br>湿地·伐採<br>W2<br>(2)R<br>Wor   | 07/03<br>nd 2-2(10  | 07/17<br>地數<br>湿地·快深<br>W2<br>(2)R  |
| 回標年<br>日本<br>日本<br>日本<br>日本<br>日本<br>日本<br>日本<br>日本<br>日本<br>日本<br>日本<br>日本<br>日本                  | 08/01<br>南極域<br>Super Site<br>F2(6)L<br>北極域<br>W2(2)R   | 08/15<br>南椎域<br>Super Site<br>F2(6)L<br>極域<br>W2(2)R<br>W2(2)L   | 08/29<br>地般<br>湿地·使焊<br>W2<br>(2)R<br>Wor<br>F2<br>(7)R  | 09/12<br>南極域<br>Super Site<br>F2(6)L<br>rld 1-1(1)<br>F2<br>(5)R   | 09/26<br>0m)<br>F2<br>(6)R   | 2016年<br>10/10<br>地数<br>選地·快採<br>W2<br>(2)R  | 10/24<br>全球3r<br>U2<br>(6)R                                    | 11/07<br>n (2/3)<br>U2<br>(7)R<br>Wor                    | 11/21<br>地殼<br>湿地·使課<br>W2<br>(2)R<br>rld 2-1(1<br>F2<br>(5)R                                    | 12/05<br>全球3r<br>U2<br>(8)R<br>0m)<br>F2<br>(6)R   | 12/19<br>n (2/3)<br>U2<br>(9)R<br>極域<br>W2(2)R                       | 01/02<br><sup>地數</sup><br>溫地·世禄<br>W2<br>(2)R<br>南極域<br>W2(2)L                            | 01/18<br>Wor<br>F2<br>(7)R              | 01/30<br>rld 1-2(1)<br>F2<br>(5)R  | 02/13<br>地殼<br>湿地·使採<br>W2<br>(2)R<br>0m)<br>F2<br>(6)R  | 02/27<br>地般<br>F2 (5)R<br>グリーンランド<br>Super Stee  | 03/13<br>・森林<br>F2<br>(6)R<br>グリーンランド<br>Super Sub<br>F2(6)R  | 03/27<br>地數<br>溜地·世課<br>W2<br>(2)R   | 2017年<br>04/10<br>地般<br>F2<br>(7)R<br>ポラリメ<br>FP<br>(5)R                          | 04/24<br>・森林<br>F2<br>(5)R<br>トリ観測6<br>FP<br>(4)R   | 05/08<br>地般<br>温地·快塚<br>W2<br>(2)R<br>6m (3/5)<br>FP<br>(3)R  | 05/22<br>地殼<br>F2<br>(6)R  | 06/05<br>森林<br>F2<br>(7)R  | 06/19<br>地數<br>溫地·快採<br>W2<br>(2)R<br>Wor<br>F2<br>(7)R   | 07/03<br>rld 2-2(10<br>F2<br>(5)R   | 07/17<br>地數<br>溫地·快深<br>W2<br>(2)R<br>Om)<br>F2<br>(6)R   |
| 回帰<br>年<br>日梅開始日<br>デイセン<br>デイング<br>アセン<br>ディング  | 08/01<br>南極域<br>Super Site<br>F2(6)L<br>北極域<br>W2(2)R   | 08/15<br>南種城<br>Super Site<br>F2(6)L<br>極域<br>W2(2)R<br>W2(2)L   | 08/29<br>地數<br>運物·效理<br>W2<br>(2)R<br>Worl<br>F2<br>(7)R | 09/12<br>南程域<br>Super Ste<br>F2(6)L<br>rld 1-1(10<br>F2<br>(5)R  | 09/26  0m)  F2 (6)R  | 2016年<br>10/10<br>地數<br>准地·快提<br>W2<br>(2)R  | 10/24<br>全球3r<br>U2<br>(6)R                                    | 11/07 m (2/3) U2 (7)R Wol F2 (7)R                        | 11/21<br>地数<br>運物 投彈<br>W2<br>(2)R<br>rld 2-1(1<br>F2<br>(5)R                                    | 12/05<br>全球3r<br>U2<br>(8)R<br>0m)<br>F2<br>(6)R   | 12/19 n (2/3) U2 (9)R 極域 W2(2)R W2(2)R                               | 01/02<br>地數<br>海地·使塚<br>W2<br>(2)R<br>南極域<br>W2(2)L                                       | 01/18  Wor  F2 (7)R                     | 01/30<br>rld 1-2(1)<br>F2<br>(5)R  | 02/13<br>地數<br>湿地·使採<br>W2<br>(2)R<br>0m)<br>F2<br>(6)R  | 02/27<br>地殻<br>F2 (5)R<br>グリーンランド<br>Super Site<br>F2(6)R                                      | 03/13<br>・森林<br>F2<br>(6)R<br>グリーンランド<br>Super Site<br>F2(6)R   | 03/27<br>地數<br>溜地·稅課<br>W2<br>(2)R<br>FP<br>(6)R   | 2017年<br>04/10<br>地般<br>F2<br>(7)R<br>ポラリメ<br>FP<br>(5)R                          | 04/24<br>・森林<br>F2<br>(5)R<br>トリ観測6<br>FP<br>(4)R   | 05/08<br>地般<br>湖地·快探<br>W2<br>(2)R<br>6m (3/5)<br>FP<br>(3)R  | 05/22<br>地殼<br>F2<br>(6)R<br>FP<br>(7)R                              | 06/05<br>森林<br>F2<br>(7)R  | 06/19<br>地數<br>湿地·快提<br>W2<br>(2)R<br>Wor<br>F2<br>(7)R   | 07/03<br>Hd 2-2(10<br>F2<br>(5)R  | 07/17<br>地數<br>湖地·快塚<br>(2)R<br>Om)<br>F2<br>(6)R   |
| 国権<br>第<br>国権関助日<br>ディセング<br>アセング<br>アセング<br>■4年目<br>国権関助日   | 08/01<br>南極域<br>Super Site<br>F2(6)L<br>北極域<br>W2(2)R   | 08/15<br>南種域<br>Super Site<br>F2(6)L<br>極域<br>W2(2)R<br>W2(2)L   | 08/29<br>地般<br>湿地·使焊<br>W2<br>(2)R<br>Wor<br>F2<br>(7)R  | 09/12<br>南極域<br>Super Site<br>F2(6)L<br>rld 1-1(1)<br>F2<br>(5)R   | 09/26<br>0m)<br>F2<br>(6)R   | 2016年<br>10/10<br>地数<br>選地·快採<br>W2<br>(2)R  | 10/24<br>全球3r<br>U2<br>(6)R                                    | 11/07 m (2/3) U2 (7)R Wol F2 (7)R                        | 11/21<br>地殼<br>湿地·使課<br>W2<br>(2)R<br>rld 2-1(1<br>F2<br>(5)R                                    | 12/05<br>全球3r<br>U2<br>(8)R<br>0m)<br>F2<br>(6)R   | 12/19<br>n (2/3)<br>U2<br>(9)R<br>極域<br>W2(2)R                       | 01/02<br><sup>地數</sup><br>溫地·世禄<br>W2<br>(2)R<br>南極域<br>W2(2)L                            | 01/18<br>Wor<br>F2<br>(7)R              | 01/30<br>rld 1-2(1)<br>F2<br>(5)R  | 02/13<br>地殼<br>湿地·使採<br>W2<br>(2)R<br>0m)<br>F2<br>(6)R  | 02/27<br>地般<br>F2 (5)R<br>グリーンランド<br>Super Stee  | 03/13<br>・森林<br>F2<br>(6)R<br>グリーンランド<br>Super Sub<br>F2(6)R  | 03/27<br>地數<br>溜地·世課<br>W2<br>(2)R   | 2017年<br>04/10<br>地般<br>F2<br>(7)R<br>ポラリメ<br>FP<br>(5)R                          | 04/24<br>・森林<br>F2<br>(5)R<br>トリ観測6<br>FP<br>(4)R   | 05/08<br>地般<br>温地·快塚<br>W2<br>(2)R<br>6m (3/5)<br>FP<br>(3)R  | 05/22<br>地殼<br>F2<br>(6)R  | 06/05<br>森林<br>F2<br>(7)R  | 06/19<br>地數<br>溫地·快採<br>W2<br>(2)R<br>Wor<br>F2<br>(7)R   | 07/03<br>rld 2-2(10<br>F2<br>(5)R   | 07/17<br>地數<br>溫地·快深<br>W2<br>(2)R<br>Om)<br>F2<br>(6)R   |
| 国権<br>第<br>国権実施日<br>デイセング<br>アセング<br>アセング<br>■4年目<br>日降業施日<br>・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・ | 08/01<br>南楼城<br>Super Site<br>F2(6)L<br>北極域<br>W2(2)R   | 08/15<br>南椎域<br>Super Site<br>F2(6)L<br>極域<br>W2(2)R<br>W2(2)R<br>08/14<br>地酸<br>海椎域<br>Super Site                     | 08/29<br>地板<br>海地快速<br>W2<br>(2)R<br>Wol<br>F2<br>(7)R   | 09/12<br>南極域<br>Super Ste<br>F2(6)L<br>rld 1-1(10<br>F2<br>(5)R  | 09/26  0m)  F2 (6)R  09/25  地数  Rikwi Super Site                                   | 2016年<br>10/10<br><sup>水</sup> 舱<br>温地·快排<br>W2<br>(2)R<br>85<br>2017<br>10/09<br>温地<br>快採 | 10/24<br>全球3r<br>U2<br>(6)R<br>86<br>10/23<br>10m Su           | 11/07 m (2/3) U2 (7)R Wor F2 (7)R  87 11/06              | 11/21<br>地数<br>湿地·性理<br>W2<br>(2)R<br>rld 2-1(1<br>F2<br>(5)R                                    | 12/05<br>全球3r<br>U2<br>(8)R<br>0m)<br>F2<br>(6)R   | 12/19 n (2/3) U2 (9)R 極域 W2(2)R W2(2)R                               | 01/02<br>地殼<br>運物·快課<br>W2<br>(2)R<br>南極域<br>W2(2)L<br>91<br>01/01<br>湿地快採<br>182         | 01/18 Wor F2 (7)R 92 01/15 地数 1         | 01/30<br>Prid 1-2(1)<br>F2<br>(5)R<br>93<br>01/29<br>湿地伐捍2<br>地数 2           | 02/13<br>地類<br>湖地·伐塚<br>W2<br>(2)R<br>0m)<br>F2<br>(6)R  | 02/27<br>地殻<br>F2 (5)R<br>グリーンランド<br>シロタマ Gra<br>P2(6)R<br>95<br>02/26<br>地数 1                 | 03/13<br>- 森林<br>F2<br>(6)R<br>グリーンランド<br>Super Site<br>F2(6)R<br>96<br>03/12<br>環境代理2<br>規模2   | 03/27<br>地數<br>海地·伐採<br>W2<br>(2)R<br>FP<br>(6)R   | 2017年<br>04/10<br>地般<br>F2<br>(7)R<br>ボラリメ<br>FP<br>(5)R<br>2018<br>04/09<br>地数 1 | 04/24<br>- 森林<br>F2<br>(5)R<br>トリ観測(6<br>(4)R   | 05/08<br>地般<br>瀬地·快塚<br>W2<br>(2)R<br>6m (3/5)<br>FP<br>(3)R  | 05/22<br>地殼<br>F2<br>(6)R<br>FP<br>(7)R                              | 06/05<br>- 森林<br>F2<br>(7)R<br>102<br>06/04<br>湯地伐捍2<br>地殼 2                                       | 08/19 <sup>地殼</sup> 湿地-伐採  W2 (2)R  Wor  F2 (7)R  103  08/18 湿地-伐採1                                 | 07/03<br>Hd 2-2(10<br>F2<br>(5)R<br>104<br>07/02<br>湿地<br>伎採 2                | 07/17<br>地管<br>運地·伐塚<br>W2<br>(2)R<br>Om)<br>F2<br>(6)R<br>105<br>07/16<br>湿地<br>伐採 1               |
| 国権<br>第<br>国権関助日<br>ディセング<br>アセング<br>アセング<br>■4年目<br>国権関助日   | 08/01<br>南極域<br>Super Site<br>F2(6)L<br>北極域<br>W2(2)R   | 08/15<br>南極域<br>Super Site<br>F2(6)L<br>極域<br>W2(2)R<br>W2(2)L<br>81<br>08/14<br>地景<br>東極域<br>Super Site<br>W2(2)R     | 08/29<br>地殼<br>環地·快課<br>W2<br>(2)R<br>Worl<br>F2<br>(7)R | 09/12<br>南極域<br>Super Ste<br>F2(6)L<br>rld 1-1(1(<br>F2<br>(5)R<br>83<br>09/11<br>南極域<br>Super Ste           | 09/26 0m) F2 (6)R 84 09/25 地形  | 2016年<br>10/10<br>地殼<br>湿地-快塚<br>W2<br>(2)R<br>85<br>2017<br>10/09<br>湿地-<br>快塚            | 10/24<br>全球3r<br>U2<br>(6)R                                    | 11/07 m (2/3) U2 (7)R Wol F2 (7)R                        | 11/21<br>地殼<br>湿地·快課  W2 (2)R  rld 2-1(1  F2 (5)R  | 12/05<br>全球3r<br>U2<br>(8)R<br>0m)<br>F2<br>(6)R   | 12/19 n (2/3) U2 (9)R 極域 W2(2)R W2(2)R                               | 01/02<br>均量<br>源地·快提<br>W2<br>(2)R<br>南極域<br>W2(2)L                                       | 01/16 Wor F2 (7)R 92 01/15 地数 1         | 01/30<br>rld 1-2(1)<br>F2<br>(5)R<br>93<br>01/29<br>湿地代揮2<br>地數 2<br>W2(2)R  | 02/13<br>培養<br>選地·伐塚<br>W2<br>(2)R<br>0m)<br>F2<br>(6)R  | 02/27<br>地殻<br>F2 (5)R<br>パーンランド<br>Super Site<br>F2(6)R<br>95<br>02/26<br>地数 1                | 03/13<br>・森林<br>F2 (6)R<br>が)ーンランド<br>Super Site<br>F2(6)R<br>96<br>03/12<br>場地代理2<br>地位理2<br>地位理2  | 03/27<br>地殼<br>湿地·快焊<br>W2<br>(2)R<br>FP<br>(6)R   | 2017年<br>04/10<br>地殻<br>F2 (7)R<br>ポラリメ<br>FP (5)R                                | 04/24<br>- 森林<br>F2<br>(5)R<br>トリ観測6<br>(4)R  | 05/08<br>地殼<br>瀬地·伐採<br>W2<br>(2)R<br>im (3/5)<br>FP<br>(3)R<br>100<br>05/07<br>湿地<br>伐採 1<br>W2                  | 05/22<br>地殼<br>F2<br>(6)R<br>FP<br>(7)R                              | 06/05<br>- 森林<br>F2<br>(7)R<br>102<br>06/04<br><sup>温施</sup> 校择2<br><sup>地</sup> 教 2<br>W2(2)R     | 06/19 %   | 07/03<br>1dd 2-2(10<br>F2<br>(5)R<br>104<br>07/02<br>湿地<br>伐採 2               | 07/17<br>地管<br>温地·伐塚<br>(2)R<br>0m)<br>F2<br>(6)R   |
| 図像<br>第<br>図像製物目<br>デイセング<br>アセング<br>アセング<br>■4年目<br>図像製物目   | 08/01<br>南楼城<br>Super Site<br>F2(6)L<br>北極域<br>W2(2)R   | 08/15<br>南椎域<br>Super Site<br>F2(6)L<br>極域<br>W2(2)R<br>W2(2)R<br>08/14<br>地酸<br>海椎域<br>Super Site                     | 08/29<br>地板<br>海地快速<br>W2<br>(2)R<br>Wol<br>F2<br>(7)R   | 09/12<br>南極域<br>Super Ste<br>F2(6)L<br>rld 1-1(10<br>F2<br>(5)R  | 09/26  0m)  F2 (6)R  09/25  地数  Rikit Super Site                                   | 2016年<br>10/10<br><sup>水</sup> 舱<br>温地·快排<br>W2<br>(2)R<br>85<br>2017<br>10/09<br>温地<br>快採 | 10/24<br>全球3r<br>U2<br>(6)R<br>86<br>10/23<br>10m Su           | 11/07 m (2/3) U2 (7)R Wor F2 (7)R  87 11/06              | 11/21<br>地数<br>湿地·性理<br>W2<br>(2)R<br>rld 2-1(1<br>F2<br>(5)R                                    | 12/05<br>全球3r<br>U2<br>(8)R<br>0m)<br>F2<br>(6)R   | 12/19 n (2/3) U2 (9)R 極域 W2(2)R W2(2)L 90 12/18                      | 01/02<br>地殼<br>運物·快課<br>W2<br>(2)R<br>南極域<br>W2(2)L<br>91<br>01/01<br>湿地快採<br>182         | 01/18 Wor F2 (7)R 92 01/15 地数 1         | 01/30<br>Prid 1-2(1)<br>F2<br>(5)R<br>93<br>01/29<br>湿地伐捍2<br>地数 2           | 02/13<br>地類<br>湖地·伐塚<br>W2<br>(2)R<br>0m)<br>F2<br>(6)R  | 02/27<br>地殻<br>F2 (5)R<br>グリーンランド<br>シロタマ Gra<br>P2(6)R<br>95<br>02/26<br>地数 1                 | 03/13<br>- 森林<br>F2<br>(6)R<br>グリーンランド<br>Super Site<br>F2(6)R<br>96<br>03/12<br>環境代理2<br>規模2   | 03/27<br>地數<br>海地·伐採<br>W2<br>(2)R<br>FP<br>(6)R   | 2017年<br>04/10<br>地般<br>F2<br>(7)R<br>ボラリメ<br>FP<br>(5)R<br>2018<br>04/09<br>地数 1 | 04/24<br>- 森林<br>F2<br>(5)R<br>トリ観測(6<br>(4)R   | 05/08<br>地般<br>瀬地·快塚<br>W2<br>(2)R<br>6m (3/5)<br>FP<br>(3)R  | 05/22<br>地殼<br>F2<br>(6)R<br>FP<br>(7)R                              | 06/05<br>- 森林<br>F2<br>(7)R<br>102<br>06/04<br>湯地伐捍2<br>地殼 2                                       | 08/19 <sup>地殼</sup> 湿地-伐採  W2 (2)R  Wor  F2 (7)R  103  08/18 湿地-伐採1                                 | 07/03<br>Hd 2-2(10<br>F2<br>(5)R<br>104<br>07/02<br>湿地<br>伎採 2                | 07/17<br>地管<br>運地·伐塚<br>W2<br>(2)R<br>Om)<br>F2<br>(6)R<br>105<br>07/16<br>湿地<br>伐採 1               |
| 図像<br>第<br>図像製物目<br>デイセング<br>アセング<br>アセング<br>■4年目<br>図像製物目   | 08/01<br>南極域<br>Super Site<br>F2(6)L<br>北極域<br>W2(2)R   | 08/15<br>南極域<br>Super Site<br>F2(6)L<br>極域<br>W2(2)R<br>W2(2)L<br>81<br>08/14<br>地景<br>東極域<br>Super Site<br>W2(2)R     | 08/29<br>地殼<br>運物·兌採<br>W2<br>(2)R<br>Wol<br>F2<br>(7)R  | 09/12<br>南極域<br>Super Ste<br>F2(6)L<br>rld 1-1(1(<br>F2<br>(5)R<br>83<br>09/11<br>南極域<br>Super Ste           | 09/26<br>0m)<br>F2<br>(6)R<br>84<br>09/25<br>対象<br>所能域<br>Super Site<br>W2(2)R     | 2016年<br>10/10<br>地殼<br>湿地-快塚<br>W2<br>(2)R<br>85<br>2017<br>10/09<br>湿地-<br>快塚            | 10/24<br>全球3r<br>U2<br>(6)R<br>86<br>10/23<br>10m Su           | 11/07 m (2/3) U2 (7)R Wor F2 (7)R  87 11/06              | 11/21<br>地数<br>選地·快提<br>W2<br>(2)R<br>rld 2-1(1<br>F2<br>(5)R                                    | 12/05<br>全球3r<br>U2<br>(8)R<br>0m)<br>F2<br>(6)R   | 12/19 n (2/3) U2 (9)R 極域 W2(2)R W2(2)L 12/18 地殼 W2(2)R               | 01/02<br>地殼<br>運物·使採<br>W2 (2)R<br>南極域<br>W2(2)L<br>91<br>01/01<br>温地传挥<br>182<br>W2 (2)R | 01/16 Wor F2 (7)R 92 01/15 地数 1         | 01/30<br>rld 1-2(1)<br>F2<br>(5)R<br>93<br>01/29<br>湿地快擇2<br>減量 2<br>W2(2)R  | 02/13<br>地数<br>選集・位保<br>W2<br>(2)R<br>Om)<br>F2<br>(6)R<br>94<br>02/12<br>選地<br>位保<br>以2<br>(2)R | 02/27<br>地殻<br>F2 (5)R<br>グリーンランド<br>Soor Sa.<br>F2(6)R<br>95<br>02/26<br>地数 1<br>F2 (7)R      | 03/13<br>・森林<br>F2 (6)R<br>が)ーンランド<br>Super Site<br>F2(6)R<br>96<br>03/12<br>場地代理2<br>地位理2<br>地位理2  | 03/27<br>地數<br>運地·快採<br>W2<br>(2)R<br>FP<br>(6)R<br>97<br>03/28<br>湿地<br>快採<br>1<br>W2<br>(2)R | 2017年<br>04/10<br>地殻<br>F2 (7)R<br>ポラリメ<br>FP (5)R                                | 04/24<br>•森林<br>F2<br>(5)R<br>FJ 観測6<br>FP<br>(4)R<br>99<br>04/23<br>28/8/4/22<br>W2(2)R<br>F2(5)R        | 05/08<br>地殼<br>瀬地·伐採<br>W2<br>(2)R<br>im (3/5)<br>FP<br>(3)R<br>100<br>05/07<br>湿地<br>伐採 1<br>W2                  | 05/22<br>地般<br>F2 (6)R<br>FP (7)R                                    | 06/05<br>森林<br>F2<br>(7)R<br>102<br>06/04<br><sup>風始代理2</sup><br><sup>現後</sup><br>W2(2)R<br>F2(6)R | 06/19   | 07/03<br>1dd 2-2(10<br>F2<br>(5)R<br>104<br>07/02<br>湿地<br>伐採 2               | 07/17<br>地數<br>溫地·伐提<br>W2<br>(2)R<br>Om)<br>F2<br>(6)R<br>105<br>07/16<br>湿地<br>伐採 1<br>W2<br>(2)R |
| 国権<br>第<br>国権実施日<br>デイセング<br>アセング<br>アセング<br>■4年目<br>日降業施日<br>・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・ | 08/01<br>南極域<br>Super Site<br>F2(6)L<br>北極域<br>W2(2)R   | 08/15<br>南種域<br>Super Site<br>F2(6)L<br>極域<br>W2(2)R<br>81<br>08/14<br>地数<br>高機可<br>Super Site<br>W2(2)R               | 08/29<br>地殼<br>運物·兌採<br>W2<br>(2)R<br>Wol<br>F2<br>(7)R  | 99/12<br>南種域<br>Super Ste<br>F2(6)L<br>rld 1-1(1)<br>F2<br>(5)R<br>83<br>09/11<br>南種域<br>Super Ste           | 09/26<br>0m)<br>F2<br>(6)R<br>84<br>09/25<br>対象<br>所能域<br>Super Site<br>W2(2)R     | 2016年<br>10/10<br>地殼<br>湿地-快塚<br>W2<br>(2)R<br>85<br>2017<br>10/09<br>湿地-<br>快塚            | 10/24<br>全球3r<br>U2<br>(6)R<br>86<br>10/23<br>10m Su           | 11/07 11/07 11/07 11/08 11/08 11/08 11/08 11/08 11/08    | 11/21<br>地数<br>選地·快提<br>W2<br>(2)R<br>rld 2-1(1<br>F2<br>(5)R                                    | 12/05<br>全球3r<br>U2<br>(8)R<br>0m)<br>F2<br>(6)R<br>12/04<br>10m<br>Super Site<br>F2(6)R | 12/19<br>n (2/3)<br>U2 (9)R<br>極域<br>W2(2)R<br>12/18<br>地般<br>W2(2)R | 01/02<br>地殼<br>運物·使採<br>W2 (2)R<br>南極域<br>W2(2)L<br>91<br>01/01<br>温地传挥<br>182<br>W2 (2)R | 01/16 Wor F2 (7)R 92 01/15 地数 1 W2 (2)R | 01/30<br>rld 1-2(1)<br>F2<br>(5)R<br>93<br>01/29<br>湿地快擇2<br>減量 2<br>W2(2)R  | 02/13<br>地板<br>温地・位様<br>W2<br>(2)R<br>Om)<br>F2<br>(6)R<br>02/12<br>温地<br>位様 1<br>W2<br>(2)R     | 02/27<br>地殻<br>F2 (5)R<br>グリーンランド<br>Soor Sa.<br>F2(6)R<br>95<br>02/26<br>地数 1<br>F2 (7)R      | 93/13<br>・森林<br>F2 (6)R<br>グリーンサンド<br>Super Site<br>F2(6)R<br>98<br>03/12<br>2<br>2<br>3<br>3<br>4<br>4<br>7<br>7<br>9<br>7<br>9<br>8<br>9<br>8<br>9<br>8<br>9<br>8<br>9<br>8<br>9<br>8<br>9<br>8<br>9<br>8 | 03/27<br>地數<br>運地·快採<br>W2<br>(2)R<br>FP<br>(6)R<br>97<br>03/28<br>湿地<br>快採<br>1<br>W2<br>(2)R | 2017年<br>04/10<br>地殻<br>F2 (7)R<br>ポラリメ<br>FP (5)R                                | 04/24<br>•森林<br>F2<br>(5)R<br>FJ 観測6<br>FP<br>(4)R<br>99<br>04/23<br>28/8/4/22<br>W2(2)R<br>F2(5)R        | 05/08<br><sup>均数</sup><br>選地·快採<br>W2<br>(2)R<br>(3)R<br>100<br>05/07<br>湿地<br>快採<br>1 W2<br>(2)R                 | 05/22<br>地般<br>F2 (6)R<br>FP (7)R                                    | 102<br>06/04<br>F2<br>(7)R   | 06/19   | 07/03<br>rld 2-2(10<br>F2<br>(5)R<br>104<br>07/02<br>湿地<br>伎採 2<br>W2<br>(2)R | 07/17<br>地數<br>溫地·伐提<br>W2<br>(2)R<br>Om)<br>F2<br>(6)R<br>105<br>07/16<br>湿地<br>伐採 1<br>W2<br>(2)R |
| 国標 日本  | 08/01<br>南種域<br>Super Site<br>F2(6)L<br>北極域<br>W2(2)R<br>80<br>07/31<br>南種域<br>Super Site<br>F2(6)L | 08/15<br>南椎域<br>Super Site<br>F2(6)L<br>极过(2)R<br>W2(2)L<br>81<br>08/14<br>地数<br>南椎域<br>Super Site<br>W2(2)R<br>F2(6)L | 08/29 地殼   | 99/12<br>南極域<br>Super Ste<br>F2(6)L<br>rld 1-1(1)<br>F2<br>(5)R<br>83<br>09/11<br>南極域<br>Super Ste<br>F2(6)L | 09/26  0m)  F2 (6)R  84  09/25  地數  Read Super Site  W2(2)R  F2(6)L  0m)           | 2016年<br>10/10<br>地殼<br>湿地-快塚<br>W2<br>(2)R<br>85<br>2017<br>10/09<br>湿地-<br>快塚            | 10/24<br>全球3r<br>U2<br>(6)R<br>86<br>10/23<br>10m Su<br>F2(7)R | 11/07 m (2/3) U2 (7)R Wol F2 (7)R 11/06 sper Site F2(5)R | 11/21<br>地殼<br>湿地·快提<br>W2<br>(2)R<br>rld 2-1(1<br>F2<br>(5)R<br>11/20<br>湿地<br>快提<br>W2<br>(2)R | 12/05<br>全球3r<br>U2 (8)R<br>Om)<br>F2 (6)R<br>89<br>12/04<br>10m<br>Super Site           | 12/19 n (2/3) U2 (9)R 極域 W2(2)R W2(2)L 12/18 地殼 W2(2)R               | 91/02<br>地殼<br>運物·供採<br>W2 (2)R<br>南極域<br>W2(2)L<br>91<br>01/01<br>湿地供採<br>162<br>W2 (2)R | 92<br>01/15<br>地数 1<br>W2<br>(2)R       | 93<br>01/29<br>194<br>01/29<br>2 地名 2<br>W2(2)R<br>W2(2)R                    | 02/13<br>地数<br>選集・位保<br>W2<br>(2)R<br>Om)<br>F2<br>(6)R<br>94<br>02/12<br>選地<br>位保<br>以2<br>(2)R | 02/27<br>地般<br>F2 (5)R<br>がリーンランド<br>Sour Dis<br>F2(6)R<br>95<br>02/28<br>地数 1<br>F2 (7)R<br>W | 03/13<br>・森林<br>F2<br>(6)R<br>グ/ーンランド<br>Super Site<br>P2(6)R<br>96<br>03/12<br>湯地代理2<br>激性2(2)R<br>F2(7)R<br>forId B(10r   | 03/27<br>地殼<br>海地·快提<br>W2<br>(2)R<br>FP<br>(6)R<br>97<br>03/26<br>湿塊 1<br>(2)R                | 2017年<br>04/10<br>地殻<br>F2 (7)R<br>ポラリメ<br>FP (5)R                                | 04/24<br>- 森林<br>F2<br>(5)R<br>トリ観測(6<br>(4)R<br>99<br>04/23<br>週時代限2<br>地質2<br>W2(2)R<br>F2(5)R<br>W     | 05/08<br>地殼<br>湿地-供尿<br>W2<br>(2)R<br>Gm (3/5)<br>FP<br>(3)R<br>100<br>05/07<br>湿地<br>(長塚 1<br>(2)R<br>W2<br>(2)R | 05/22<br>地殼<br>F2<br>(6)R<br>FP<br>(7)R                              | 06/05<br>森林<br>F2<br>(7)R<br>102<br>06/04<br><sup>風始代理2</sup><br><sup>現後</sup><br>W2(2)R<br>F2(6)R | 06/19<br>地數<br>海地·伐塔<br>W2<br>(2)R<br>Wor<br>F2<br>(7)R<br>103<br>06/18<br>运输<br>伐採 1<br>W2<br>(2)R | 07/03<br>1dd 2-2(10<br>F2<br>(5)R<br>104<br>07/02<br>湿地<br>伐採 2<br>W2<br>(2)R | 07/17<br>地數<br>湯地·快塚<br>W2<br>(2)R<br>)m)<br>F2<br>(6)R<br>105<br>07/18<br>湿地<br>快採 1<br>W2<br>(2)R |
| 国権<br>国権関制日<br>ディセング<br>アセン ディング<br>■4年日<br>回路<br>国際関助日<br>ディセング                                   | 08/01<br>南極域<br>Super Site<br>F2(6)L<br>北極域<br>W2(2)R<br>07/31<br>南極域<br>Super Site<br>F2(6)L       | 08/15<br>南種域<br>Super Site<br>F2(6)L<br>極域<br>W2(2)R<br>81<br>08/14<br>地数<br>高機可<br>Super Site<br>W2(2)R               | 08/29<br>地數<br>運物·快採<br>W2<br>(2)R<br>Wo<br>F2<br>(7)R   | 99/12<br>南極域<br>Super Ste<br>F2(6)L<br>rld 1-1(1(<br>F2<br>(5)R  | 09/26<br>0m)<br>F2<br>(6)R<br>09/25<br>地級<br>所能級<br>Super Site<br>W2(2)R<br>F2(6)L | 2016年<br>10/10<br>地殼<br>湿地-快塚<br>W2<br>(2)R<br>85<br>2017<br>10/09<br>湿地-<br>快塚            | 10/24<br>全球3r<br>U2<br>(6)R<br>86<br>10/23<br>10m Su<br>F2(7)R | 11/07 m (2/3) U2 (7)R Wol F2 (7)R 11/08 uper Site F2(5)R | 11/21<br>地數<br>運物·快提<br>W2 (2)R<br>rld 2-1(1<br>F2 (5)R<br>11/20<br>近接<br>W2 (2)R                | 12/05<br>全球3r<br>U2<br>(8)R<br>0m)<br>F2<br>(6)R<br>12/04<br>10m<br>Super Site<br>F2(6)R | 12/19<br>n (2/3)<br>U2 (9)R<br>極域<br>W2(2)R<br>12/18<br>地般<br>W2(2)R | 01/02<br>地殼<br>環形・使採<br>W2<br>(2)R<br>南極域<br>W2(2)L<br>91<br>01/01<br>湿地使採<br>W2<br>(2)R  | 92<br>01/15<br>地数 1<br>W2<br>(2)R       | 01/30<br>rld 1-2(1)<br>F2<br>(5)R<br>93<br>01/29<br>温地代提2<br>地位 22<br>W2(2)R | 02/13<br>地板<br>温地・位様<br>W2<br>(2)R<br>Om)<br>F2<br>(6)R<br>02/12<br>温地<br>位様 1<br>W2<br>(2)R     | 102/27<br>地殻<br>F2 (5)R<br>グリーンテンド<br>Expert Zes<br>F2(6)R<br>95<br>02/26<br>地殻 1<br>F2 (7)R   | 03/13<br>・森林<br>F2<br>(6)R<br>パリーンランド<br>Super Ste<br>F2(6)R<br>98<br>03/12<br>温地伐昭2<br>瀬敷 2<br>W2(2)R<br>F2(7)R  | 03/27<br>地殼<br>海地·快採<br>W2<br>(2)R<br>FP<br>(6)R<br>97<br>03/26<br>湿地<br>快採 1<br>W2<br>(2)R    | 2017年<br>04/10<br>地殻<br>F2 (7)R<br>ポラリメ<br>FP (5)R                                | 04/24<br>・森林<br>F2<br>(5)R<br>トリ観測6<br>FP<br>(4)R<br>99<br>04/23<br>場所と図2<br>場所を<br>2<br>W2(2)R<br>F2(5)R | 05/08<br>地般<br>選物·快提<br>W2<br>(2)R<br>im (3/5)<br>FP<br>(3)R<br>100<br>05/07<br>湿地<br>快提<br>快援<br>(2)R            | 05/22<br>地殼<br>F2 (6)R<br>FP (7)R<br>101<br>05/21<br>地殼 1<br>F2 (6)R | 102<br>06/04<br>F2<br>(7)R   | 06/19   | 07/03<br>rid 2-2(10<br>F2<br>(5)R<br>104<br>07/02<br>湿地<br>伐採 2<br>W2<br>(2)R | 07/17<br>地數<br>運物·快運<br>W2<br>(2)R<br>)m)<br>F2<br>(6)R<br>105<br>07/18<br>這邊境<br>快運                |



宙航空研究開発機構

白字 広域観測[350km]モード ビーム区分: W2、観測方向: 右、ビーム番号: No.2 黒字 広域観測[350km]モード ビーム区分: W2、観測方向: 左、ビーム番号: No.2 白空 高分解能[3m]モード、ビーム区分: U2、観測方向: 右、ビーム番号: No.6-9 黒字 高分解能[3m]モード、ビーム区分: U2、観測方向: 右、ビーム番号: No.6-9 白空 高分解能[3m]モード、ビーム区分: U3、観測方向: 右、ビーム番号: No.10-14

## Basic Observation Scenario (BOS) world

4-7 years (global: SM3 and WD1 for JJ-FAST with intensive high temporal observation of SM1 and/or SM2 to selected area)

| 107 108<br>8/13 08/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21<br>108/21 | /27 09/10 /28 09/10 /28 W2(2)R F2(6)L  北模單/地類 F2(6)L  北模單/地類 (2)R  /28 09/09 /28 09/09 /28 w2(2)R  /28 W2 | 110  09/24  测验性限2  测验性限2  测验 2  NEW | F2<br>(7)R  | 112 10/22 地数 1 10/ 10/ 10/ 10/ 10/ 10/ 10/ 10/ 10/ 10   | 113<br>11/05<br>激除技程2<br>物数 2<br>W2(2)R<br>W2(2)R<br>1)<br>F2<br>(6)R<br>139<br>11/04<br>温熱技程2<br>物数 2 | 114<br>11/19<br>湿地<br>伐煤 1<br>10m Super<br>W2(2)R<br>F2(5)R<br>140<br>11/18<br>湿地<br>伐煤 1<br>10m Super   | 115 12/03 地数 1 10m Super Site W2(2)R F2(6)R  141 12/02 地数 1 10m Super Site  | 116<br>12/17<br>運施供課2<br>W2(2)R<br>W2(2)R<br>W2(2)R<br>W2(2)R<br>142<br>12/16<br>運施代課2<br>地數 2   | 117<br>12/31<br>温地<br>快採 1<br>W2<br>(2)R<br>orld A(10)<br>F2<br>(5)R  | 118<br>01/14<br>地数 1<br>W2<br>(2)R<br>n)<br>F2<br>(6)R  | 119<br>01/28<br>温场位报2<br>热敷 2<br>W2(2)R<br>W2(2)R<br>W2(2)R<br>W2(2)R<br>145<br>01/27<br>温场位据2<br>加数(2)R                  | 120 02/11 温地 (文採 1  W2 (2)R  グリーンタング 高いの 20  F2(6)R  W2(2)L  146 02/10 温地   | 121<br>02/25<br>地数 1<br>F2<br>(7)R<br>W<br>F2<br>(6)R  | 122<br>03/11<br>湯焼性原2<br>地数2<br>W2(2)R<br>F2(7)R<br>orld B(10n<br>F2<br>(7)R  | F2<br>(5)R<br>149<br>03/23<br>漫地  | 124<br>2019<br>04/08<br>地数 1<br>F2<br>(5)R   | 125<br>04/22<br>運輸供理2<br>地數2<br>W2(2)R<br>F2(5)R<br>W6<br>F2<br>(7)R   | 126<br>05/06<br>温地<br>快採 1<br>W2<br>(2)R<br>orld C(10r<br>F2<br>(5)R  | 127<br>05/20<br>地数 1<br>F2<br>(6)R<br>m)<br>F2<br>(6)R  | 128<br>06/03<br>温地伐郑2<br>地數 2<br>W2(2)R<br>F2(6)R<br>154<br>06/01<br>温地伐郑2<br>地數 2   | 129<br>06/17<br>湿地<br>伐採 1<br>W2<br>(2)R<br>W6<br>F2<br>(7)R  | 130<br>07/01<br>温地<br>伐採 2<br>W2<br>(2)R<br>orld D(10n<br>F2<br>(5)R  | 131<br>07/15<br>湿地<br>伐採 1<br>W2<br>(2)R<br>m)<br>F2<br>(6)R  |
|---|--|--|---|---|--|--|---|--|---|---|---|---|--|---|---|--|--|---|---|--|---|---|---|
| 放揮   2   温地   大塚   2   2   2   2   2   2   2   2   2  | 地数 1   | 選売性類2<br>前数2<br>W2(2)R<br>F2(6)L<br>北極城<br>W2(2)R<br>136<br>09/23<br>温売供取<br>物数2<br>用着模型par  | 10/08<br>湿地<br>伐採 1<br>W2<br>(2)R<br>W/<br>F2<br>(7)R                       | 地数 1 10m 10m 10m 10m 10m 10m 10m 10m 10m 1  | 制施は第2<br>地数 2<br>W2(2)R<br>W2(2)R<br>1)<br>F2<br>(6)R<br>11/04<br>連続性第2<br>地数 2                        | 温维<br>(伐焊1 10m Super<br>W2(2)R<br>F2(5)R   | 地数 1<br>10m<br>Super Site<br>W2(2)R<br>F2(6)R<br>141<br>12/02<br>地数 1<br>10m<br>Super Site  | 選地位揮2<br>地数 2<br>W2(2)R<br>W2(2)R<br>W<br>F2<br>(7)R   | 湿地<br>伐採 1<br>W2<br>(2)R<br>orld A(10<br>F2<br>(5)R   | 地数 1<br>W2<br>(2)R<br>m)<br>F2<br>(6)R  | 運施使程2<br>地數 2<br>W2(2)R<br>W2(2)R<br>極域<br>W2(2)R<br>01/27<br>運施使程2   | 温地<br>伐採 1<br>W2<br>(2)R<br>ジー・フランド<br>Sure tite<br>TE(6)R<br>W2(2)L<br>148<br>02/10<br>温地                                    | 地数 1 F2 (7)R W(F2 (6)R   | 選集性第2<br>地数 2<br>W2(2)R<br>F2(7)R<br>orld B(10n<br>F2<br>(7)R   | 温地<br>伐採 1<br>W2<br>(2)R<br>n)<br>F2<br>(5)R  | 04/08<br>地数 1<br>F2<br>(5)R  | 運搬使限2<br>地數 2<br>W2(2)R<br>F2(5)R<br>W0<br>F2<br>(7)R  | 温地<br>伐採 1<br>W2<br>(2)R<br>orld C(10a<br>F2<br>(5)R  | 地数 1<br>F2<br>(6)R<br>m)<br>F2<br>(6)R  | 運施使採2<br><b>W2(2)R F2(6)R</b> 154  06/01  運物使採2  | 湿地<br>伐採 1<br>W2<br>(2)R<br>W0<br>F2<br>(7)R  | 湿地<br>伐採 2<br>W2<br>(2)R<br>orld D(10n<br>F2<br>(5)R  | 湿地<br>伐採 1<br>W2<br>(2)R<br>m)<br>F2<br>(6)R  |
| 放揮   2   温地   大塚   2   2   2   2   2   2   2   2   2  | 地数 1   | 選売性類2<br>前数2<br>W2(2)R<br>F2(6)L<br>北極城<br>W2(2)R<br>136<br>09/23<br>温売供取<br>物数2<br>用着模型par  | 温地<br>伐採 1<br>W2<br>(2)R<br>W/<br>F2<br>(7)R<br>137<br>201<br>10/07<br>温维 1 | 地数 1 10m 10m 10m 10m 10m 10m 10m 10m 10m 1  | 制施は第2<br>地数 2<br>W2(2)R<br>W2(2)R<br>1)<br>F2<br>(6)R<br>11/04<br>連続性第2<br>地数 2                        | 温维<br>(伐焊1 10m Super<br>W2(2)R<br>F2(5)R   | 地数 1<br>10m<br>Super Site<br>W2(2)R<br>F2(6)R<br>141<br>12/02<br>地数 1<br>10m<br>Super Site  | 選地位揮2<br>地数 2<br>W2(2)R<br>W2(2)R<br>W<br>F2<br>(7)R   | 湿地<br>伐採 1<br>W2<br>(2)R<br>orld A(10<br>F2<br>(5)R   | 地数 1<br>W2<br>(2)R<br>m)<br>F2<br>(6)R  | 運施使程2<br>地數 2<br>W2(2)R<br>W2(2)R<br>極域<br>W2(2)R<br>01/27<br>運施使程2   | 温地<br>伐採 1<br>W2<br>(2)R<br>ジー・フランド<br>Sure tite<br>TE(6)R<br>W2(2)L<br>148<br>02/10<br>温地                                    | 地数 1 F2 (7)R W(F2 (6)R   | 選集性第2<br>地数 2<br>W2(2)R<br>F2(7)R<br>orld B(10n<br>F2<br>(7)R   | 温地<br>伐採 1<br>W2<br>(2)R<br>n)<br>F2<br>(5)R  | 地数 1<br>F2<br>(5)R   | 運搬使限2<br>地數 2<br>W2(2)R<br>F2(5)R<br>W0<br>F2<br>(7)R  | 温地<br>伐採 1<br>W2<br>(2)R<br>orld C(10a<br>F2<br>(5)R  | 地数 1<br>F2<br>(6)R<br>m)<br>F2<br>(6)R  | 運施使採2<br><b>W2(2)R F2(6)R</b> 154  06/01  運物使採2  | 湿地<br>伐採 1<br>W2<br>(2)R<br>W0<br>F2<br>(7)R  | 湿地<br>伐採 2<br>W2<br>(2)R<br>orld D(10n<br>F2<br>(5)R  | 温地<br>(兌採:<br>W2<br>(2)R<br>m)<br>F2<br>(6)R  |
| (2)R (2)R (2)R (2)R (2)R (2)R (2)R (2)R   | F2(6)L  志程域/68  W2 (2)R  (2)R  34  | F2(6)L<br>北極域<br>W2(2)R<br>136<br>09/23<br>湯地(排2<br>※簡 2<br>周後第50per   | (2)R<br>W/<br>F2<br>(7)R<br>137<br>201<br>10/07<br>湿地<br>伐採 1               | W2(2)R<br>F2(7)R<br>orld F(10m<br>F2<br>(5)R<br>138<br>9年<br>10/21<br>地数 1<br>10m<br>Super Site   | W2(2)R<br>1)<br>F2<br>(6)R<br>139<br>11/04<br>運輸投資金<br>物數 2  | F2(5)R<br>140<br>11/18<br>湿地<br>伐採 1<br>10m Super  | F2(6)R  141  12/02  热敏 1 10m  Super Site  | W2(2)R<br>W<br>F2<br>(7)R<br>142<br>12/16<br>運物快彈2   | (2)R<br>orld A(10)<br>F2<br>(5)R<br>143<br>12/30<br>湿地  | (2)R n) F2 (6)R 144 01/13   | W2(2)R<br>極域<br>W2(2)R<br>W2(2)L<br>145<br>01/27<br>溫地快擇2   | (2)R<br>のリーションド<br>Super Side<br>開催地<br>F2(6)R<br>W2(2)L<br>146<br>02/10<br>温地  | (7)R<br>W<br>F2<br>(6)R  | F2(7)R<br>orld B(10n<br>F2<br>(7)R<br>148<br>03/09<br>溫地快課2   | (2)R<br>n)<br>F2<br>(5)R<br>149<br>03/23<br>混地  | 150<br>202<br>04/06  | F2(5)R<br>Wd<br>F2<br>(7)R<br>151<br>0年<br>04/20<br>運輸效課2  | (2)R<br>orld C(10r<br>F2<br>(5)R<br>152<br>05/04<br>湿地  | (6)R n) F2 (6)R 153 05/18   | F2(6)R<br>154<br>06/01<br>涸地快彈2  | (2)R<br>W(<br>F2<br>(7)R<br>155<br>06/15  | (2)R<br>forld D(10n<br>F2<br>(5)R   | (2)R m) F2 (6)R 157   |
| B E(10m)  F2 F2 (6)R  133 134  8/12 08/22 湿地 依様 2 湿地 依様 2 2(2)R  W2 (2)R  | 2 (2) R (2) R (2) R (2) R (34 135 135 135 135 135 135 135 135 135 135  | 北極域<br>W2(2)R<br>136<br>09/23<br>運輸收焊2<br>減数 2<br>無程度5sper   | F2<br>(7)R<br>137<br>201<br>10/07<br>温地<br>伐採 1                             | F2<br>(5)R<br>138<br>9年<br>10/21<br>地数 1<br>10m<br>Super Site   | F2<br>(6)R<br>139<br>11/04<br>趣味快課2  | 140<br>11/18<br>湿地<br>伐採 1<br>10m Super  | 141<br>12/02<br>热酸 1<br>10m<br>Super Site   | F2<br>(7)R<br>142<br>12/16<br>運物快彈2  | F2<br>(5)R<br>143<br>12/30<br>湿地  | F2 (6)R   | 極域<br>W2(2)R<br>W2(2)L<br>145<br>01/27<br>湿地快擇2   | のリーションド<br>Super Site<br>開始<br>F2(6)R<br>W2(2)L<br>146<br>02/10<br>温地   | F2<br>(6)R   | F2<br>(7)R<br>148<br>03/09<br>湿地快課2   | n)<br>F2<br>(5)R<br>149<br>03/23<br>漫地  | 150<br>202<br>04/06  | F2<br>(7)R<br>151<br>0年<br>04/20<br>運物快彈2  | F2<br>(5)R<br>152<br>05/04<br>湿地  | F2 (6)R 153 05/18   | 154 06/01 温地伐捍2  | F2<br>(7)R<br>155<br>06/15  | forld D(10n<br>F2<br>(5)R<br>156<br>06/29<br>湿地   | F2 (6)R   |
| 5)R (6)R<br>133 134<br>8/12 08/24<br>8枚提 2<br>環境域<br>(大拝<br>2(2)R W2  | 34 135<br>34 135<br>/26 09/09<br>地数1<br>南種城<br>Super Site<br>W2(2)R  | 136<br>09/23<br>運輸技模2<br>地数 2<br>素種種Super  | 137<br>201<br>10/07<br>湿地<br>伐採 1   | 138<br>9年<br>10/21<br>地数 1<br>10m<br>Super Site   | 139 11/04 2 施設 2   | 11/18<br>湿地<br>伐採 1<br>10m Super   | 12/02<br>地数 1<br>10m<br>Super Site  | (7)R<br>142<br>12/16<br>運物快彈2  | (5)R<br>143<br>12/30<br>湿地  | (6)R<br>144<br>01/13  | W2(2)L<br>145<br>01/27<br>湿地快探2   | F2(6)R<br>W2(2)L<br>146<br>02/10<br>湿地  | (6)R<br>147<br>02/24   | (7)R<br>148<br>03/09<br>湿地快彈2   | (5)R<br>149<br>03/23<br>漫地  | 202<br>04/06   | 151<br>0年<br>04/20<br>選地快課2  | (5)R<br>152<br>05/04<br>湿地  | (6)R<br>153<br>05/18  | 06/01 湿地快探2  | (7)R<br>155<br>06/15<br>湿地  | (5)R<br>158<br>06/29<br>湿地  | (6)R  |
| 5)R (6)R<br>133 134<br>8/12 08/24<br>8枚提 2<br>環境域<br>(大拝<br>2(2)R W2  | 34 135<br>34 135<br>/26 09/09<br>地数1<br>南種城<br>Super Site<br>W2(2)R  | 136<br>09/23<br>運輸技模2<br>地数 2<br>素種種Super  | 137<br>201<br>10/07<br>湿地<br>伐採 1   | 138<br>9年<br>10/21<br>地数 1<br>10m<br>Super Site   | 139 11/04 2 施設 2   | 11/18<br>湿地<br>伐採 1<br>10m Super   | 12/02<br>地数 1<br>10m<br>Super Site  | (7)R<br>142<br>12/16<br>運物快彈2  | (5)R<br>143<br>12/30<br>湿地  | (6)R<br>144<br>01/13  | W2(2)L<br>145<br>01/27<br>湿地快探2   | W2(2)L<br>148<br>02/10<br>湿地  | (6)R<br>147<br>02/24   | (7)R<br>148<br>03/09<br>湿地快彈2   | (5)R<br>149<br>03/23<br>漫地  | 202<br>04/06   | 151<br>0年<br>04/20<br>選地快課2  | (5)R<br>152<br>05/04<br>湿地  | (6)R<br>153<br>05/18  | 06/01 湿地快探2  | (7)R<br>155<br>06/15<br>湿地  | (5)R<br>158<br>06/29<br>湿地  | (6)R  |
| 8/12 08/26<br>6快採 <sup>2</sup><br>湯塘城<br>快採<br>(快採<br>2(2)R W2  | /26 09/09<br>地數 1<br>南極城<br>Super Site<br>W2(2)R   | 09/23<br>獲地快排2<br>地数 2<br>南種域Super   | 201<br>10/07<br>温地<br>伐採 1  | 9年<br>10/21<br>地数 1<br>10m<br>Super Site  | 11/04<br>腫地快彈2<br>地數 2   | 11/18<br>湿地<br>伐採 1<br>10m Super   | 12/02<br>地数 1<br>10m<br>Super Site  | 12/16 湿地伏彈2  | 12/30 湿地  | 01/13   | 01/27 温地伐採2   | 02/10 湿地  | 02/24  | 03/09 温地伐捍2   | 03/23 湿地  | 202<br>04/06   | 04/20 温地伏探2  | 05/04 湿地  | 05/18   | 06/01 湿地快探2  | 06/15 湿地  | 06/29 湿地  | 07/13   |
| 8/12 08/26<br>6快採 <sup>2</sup><br>湯塘城<br>快採<br>(快採<br>2(2)R W2  | /26 09/09<br>地數 1<br>南極城<br>Super Site<br>W2(2)R   | 09/23<br>獲地快排2<br>地数 2<br>南種域Super   | 201<br>10/07<br>温地<br>伐採 1  | 9年<br>10/21<br>地数 1<br>10m<br>Super Site  | 11/04<br>腫地快彈2<br>地數 2   | 11/18<br>湿地<br>伐採 1<br>10m Super   | 12/02<br>地数 1<br>10m<br>Super Site  | 12/16 湿地伏彈2  | 12/30 湿地  | 01/13   | 01/27 温地伐採2   | 02/10 湿地  | 02/24  | 03/09 温地伐捍2   | 03/23 湿地  | 202<br>04/06   | 04/20 温地伏探2  | 05/04 湿地  | 05/18   | 06/01 湿地快探2  | 06/15 湿地  | 06/29 湿地  | 07/13   |
| ett课 2<br>福建<br>(文字<br>2(2)R W2   | 地数 1<br>南極域<br>Super Site  | 運施快排2<br>地數 2<br>開種域Super  | 10/07<br>湿地<br>伐採 1   | 10/21<br>地数 1<br>10m<br>Super Site  | 運地快彈2<br>地數 2  | 湿地<br>伐採 1<br>10m Super  | 地殼 1<br>10m<br>Super Site   | 湿地伏彈2  | 湿地  |   | 温地伐採2   | 湿地  |  | 湿地伐彈2   | 温地  | 04/06  | 04/20<br>運地快保2   | 湿地  |   | 湿地伐採2  | 温地  | 湿地  |   |
| 使提<br>(文字<br>2(2)R W2   | 採1 南極城<br>Super Site<br>W2(2)R   | 地数 2<br>南福城Super   | 伐採 1  | 10m<br>Super Site   | 地散 2   | 伐採 1<br>10m Super  | 10m<br>Super Site   |  |   | 地敷 1  |   |   | 地殼 1   |   |   | 地数 1   |  |   | 地散 1  |  |   |   | 温地  |
| (0)D  | ND   | W2(2)R   | W2  | W2(2)R  | W2(2)R   | mo/e/p   |   |  |   |   |   | 1X1X 1  |  | 地數 2  | 伐採 1  |  | 70 M   | Section .   |   |  | ASK I   | 伐採 2  | 伐採  |
| 2(6)L (2)R  | )R =2(8)I  |  |   |   | TTE (E)  | W2(2)R   | W2(2)R  | W2(2)R   | W2  | W2  | W2(2)R  | W2  | F2   | W2(2)R  | W2  | F2   | W2(2)R   | W2  | F2  | W2(2)R   | W2  | W2  | W2  |
|   | F2(0)L   | F2(6)L   | (2)R  | F2(7)R  | W2(2)R   | F2(5)R   | F2(6)R  | W2(2)R   | (2)R  | (2)R  | W2(2)R  | (2)R  | (7)R   | F2(7)R  | (2)R  | (5)R   | F2(5)R   | (2)R  | (6)R  | F2(6)R   | (2)R  | (2)R  | (2)R  |
| I E(10m)  | 北極城/地影   | ti模u/sk数 極域 World F(10m)   |   | w   | orld A(10  | m)   | 北極域   | 域 <sup>50]95F</sup><br>Super Sta<br>開発量 World B(10m)   |   |   |   |   | World C(10m)   |   |   |  | World D(10m)   |   |   |  |   |   |   |
| F2 F2<br>(5)R (6)R  |  | W2(2)R<br>W2(2)L   | F2<br>(7)R  | F2<br>(5)R  | F2<br>(6)R   |  |   | F2<br>(7)R   | F2<br>(5)R  | F2<br>(6)R  | W2(2)R  | F2(6)R<br>W2(2)L  | F2<br>(6)R   | F2<br>(7)R  | F2<br>(5)R  |  | F2<br>(7)R   | F2<br>(5)R  | F2<br>(6)R  |  | F2<br>(7)R  | F2<br>(5)R  | F2<br>(6)R  |
|   |  |  |   |   |  |  |   |  |   |   |   |   |  |   |   |  | 次回   | シミュ   | レー  | ション  | 実施其   | 間一  |   |
| 159 160   | 60 161   | 162  | 163   | 164   | 165  | 166  | 167   | 168  | 169   | 170   | 171   | 172   | 173  | 174   | 175   | 176  | 177  | 178   | 179   | 180  | 181   | 182   | 183   |
| 8/10 08/24  | /04 00 /03   | 00/21  |   |   | 11/00  | 11/10  | 11/20   | 19/15  | 10/00   | 01/11   | 01/05   | 09/09   | 00/00  | 02/00   | 02/22   |  |  | 05/02   | 05/17   | 05/21  | 00/1/   | 00/00   | 07/12   |
| 的快探 2<br>温地   | 地数1 南極域  | 産地技術2<br>地数 2  | 温地<br>伐採 1  | 地数 1<br>10m   | 推地快課2<br>地數 2  | 湿地<br>伐採 1   | 地盤 1<br>10m   | 湿地伐彈2<br>地殼 2  | 湿地<br>伐採 1  | 地数 1  | 週地伐採2<br>地殼 2   | 湿地<br>伐採 1  | 地敷 1   | 湿地伐採2<br>地數 2   | 203/22<br>湿地<br>伐採 1  | 地数 1   | 24/19<br>湿地依據2<br>地數 2   | 温地<br>伐採 1  | 地数 1  | 湿地伐採2<br>地殼 2  | 温地<br>伐採 1  | 湿地<br>伐採 2  | 湿地 伐採 1   |
| 2(2)R W2  | W2(2)R   | W2(2)R   | W2  | W2(2)R  | W2(2)R   | W2(2)R   | W2(2)R  | W2(2)R   | W2  | W2  | W2(2)R  | W2  | F2   | W2(2)R  | W2  | F2<br>(5)B   | W2(2)R   | W2  | F2  | W2(2)R   | W2  | W2  | W2<br>(2)R  |
| 2(6)L (2)R  | F2(0)L   |  |   |   |  | F2(5)R   | F2(6)R  |  |   |   |   | グリーションド   |  |   |   | (0)K   |  |   |   | F2(6)R   |   |   |   |
|   |  |  |   |   | -  |  |   |  |   |   |   |   |  |   | -   |  |  |   |   |  |   |   | F2  |
|   |  | W2(2)L   | (7)R  | (5)R  | (6)R   |  |   | (7)R   | (5)R  | (6)R  |   | W2(2)L  | (6)R   | (7)R  | (5)R  |  | (7)R   | (5)R  | (6)R  |  | (7)R  | (5)R  | (6)R  |
| 15<br>8/<br>8/<br>8/<br>8/<br>8/<br>8/<br>2(6)  | 9 1<br>10 08<br>撰 <sup>2</sup> 海<br>俊:<br>2)R V<br>(2<br>(10m)   | 9 160 161 10 08/24 09/07 排2  | 9 160 161 162  10 08/24 09/07 09/21  10 08/24 09/07 09/21  2                | 9 160 161 162 163 201 10 08/24 09/07 09/21 10/05 12 20 202 12 20 202 12 202 13 202 14 202 15 202 16 202 16 202 17 202 17 202 18 | 9 160 161 162 163 164 2020年 10 08/24 09/07 09/21 10/05 10/19 182                                       | 9 160 161 162 163 164 165  10 08/24 09/07 09/21 10/05 10/19 11/02  12 2020年  10 08/24 09/07 09/21 10/05 10/19 11/02  12 20 20 20 20 20 20 20 20 20 20 20 20 20 | 9 160 161 162 163 164 165 166  10 08/24 09/07 09/21 10/05 10/19 11/02 11/16  10 10 10 10 10 10 10/19 11/02 11/16  10 10 10 10 10 10/19 11/02 11/16  10 10 10 10 10/19 11/02 11/16  10 10 10 10/19 11/02 11/16  10 10/19 11/02 11/16  10 10/19 11/02 11/16  10 10/19 11/02 11/16  10 10/19 11/02 11/16  10 10/19 11/02 11/16  10 10/19 11/02 11/16  10 10/19 11/02 11/16  10 10/19 11/02 11/16  10 10/19 11/02 11/16  10 10/19 11/02 11/16  10 10/19 11/02 11/16  10 10/19 11/02 11/16  10 10/19 10/19 11/02 11/16  10 10/19 10/19 11/02 11/16  10 10/19 10/19 11/02 11/16  10 10/19 10/19 11/02 11/16  10 10/19 10/19 11/02 11/16  10 10/19 10/19 11/02 11/16  10 10/19 10/19 11/02 11/16  10 10/19 10/19 11/02 11/16  10 10/19 10/19 11/02 11/16  10 10/19 10/19 11/02 11/16  10 10/19 10/19 11/19  10 10/19 11/19 11/19  10 10/19 11/19 11/19  10 10/19 11/19 11/19  10 10/19 11/19 11/19  10 10/19 11/19 11/19  10 10/19 11/19 11/19  10 10/19 11/19 11/19  10 10/19 11/19 11/19  10 10/19 11/19 11/19  10 10/19 11/19 11/19  10 10/19 11/19 11/19  10 10/19 11/19 11/19  10 10/19 11/19 11/19  10 10/19 11/19 11/19  10 10/19 11/19 11/19  10 10/19 11/19 11/19  10 10/19 11/19 11/19  10 10/19 11/19  10 10/19 11/19  10 10/19 11/19  10 10/19 11/19  10 10/19 11/19  10 10/19 11/19  10 10/19 11/19  10 10 10/19 11/19  10 10 10/19 11/19  10 10 10/19 11/19  10 10 10/19 11/19  10 10 10/19 11/19  10 10 10/19 11/19  10 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